SONY

3-862-074-11 (1)

Compact Disc Player

Operating Instructions ____ E

Mode d'emploi ____ F

CDP-CX88ES

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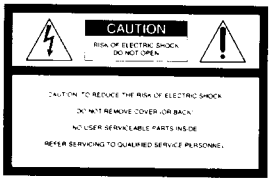
WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.
To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

For the customers in the United States


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK)
NO USER SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

You are cautioned that any changes or modification not expressly approved in this manual could void your authority to operate this equipment.

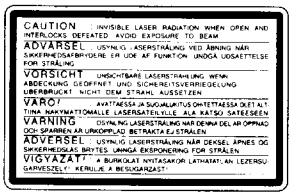
Owner's Record

The model and serial numbers are located at the rear of the unit.
Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

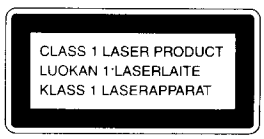
Model No. CDP-CX88ES
Serial No. _____

(Except for the customers in the United States)

The following caution label is located inside the unit.


CAUTION INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM
ADVARSEL USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.
VORSICHT UNSICHTBARE LASERSTRAHLUNG WENN ABDECKUNG GEÖFFNET UND SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN.
VARO! AVATTAESSA JA SUOJALUKITUS ONTTEITAESSA OLET ALT. TIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN
VARNING OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN.
ADVERSEL USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN.
VIGYAZAT! A BURKOLAT NYITÁSAKOR LÁTHATÓ AN LEZERSU GARVESZELY- KERÜLJE A BESUGÁRZÁST.

This appliance is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.



For the customers in Canada

CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

This equipment is intended for home entertainment purposes only. The warranty shall be invalidated if used in commercial environments, such as by disc jockeys, etc., even within the Warranty Period.

Welcome!

Thank you for purchasing the Sony Compact Disc Player. Before operating the unit, please read this manual thoroughly and retain it for future reference.

About This Manual

The instructions in this manual are for models CDP-CX88ES.

Conventions

- Instructions in this manual describe the controls on the player.
  You can also use the controls on the remote if they have the same or similar names as those on the player.
- The following icons are used in this manual:

Indicates that you can do the task using the remote.

Indicates hints and tips for making the task easier.

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E

Unpacking

Check that you received the following items:

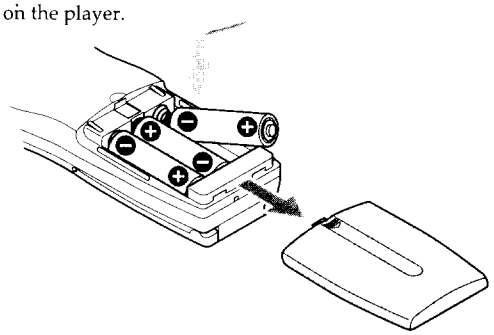
- Audio cord (1)
- CD booklet holders (2) and label (1)
- AC adapter (AC-IA10) (1)
- Monaural (2P) mini-plug cord (connecting cord for the transmitter/receiver) (1)
- Remote commander (remote) (1)
- Sony LR6 batteries (3)
- Transmitter/receiver (1)

How to use the CD booklet holder

The CD booklet holder helps you locate discs easily. After you have inserted discs into the player, you can put the CD booklet (which comes with a CD) into the supplied holder. Put two CD booklets facing back to back into a pocket. Stick the number label on each pocket, matching the number of the disc slot where you have inserted the disc. You can put up to 200 CD booklets into the holders.

Inserting batteries into the remote

You can control the player using the supplied remote. Insert three size AA (LR6) batteries (supplied) by matching the + and – ends on the batteries to the diagram inside the battery compartment.
Insert the negative (–) end first, then push in and down until the positive (+) end clicks into position.
When using the remote, point it at the remote sensor ■ on the player.



When to replace batteries

If ⌧ flashes in the remote's display, replace all the batteries with new alkaline batteries. Use of battery types other than alkaline batteries, such as manganese batteries, may not last longer than the alkaline batteries. The loaded memory in the remote will be retained for a few minutes while you replace the batteries.

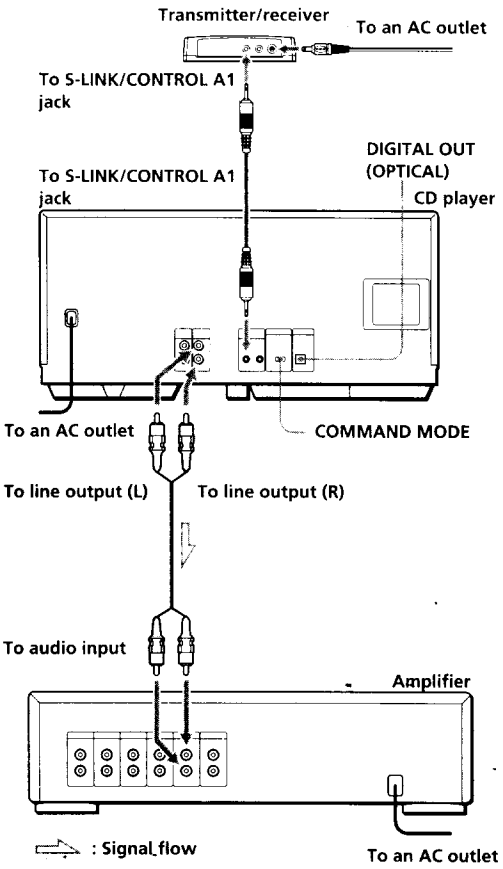
Notes

- Do not leave the remote near an extremely hot or humid place.
- Do not drop any foreign object into the remote casing, particularly when replacing the batteries.
- Do not expose the remote sensor to direct sunlight or leave too near lighting apparatuses. Doing so may cause a malfunction.
- If you do not use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Hooking Up the System

Overview

This section describes how to hook up the CD player to an amplifier. Be sure to turn off the power of each component before making the connections.



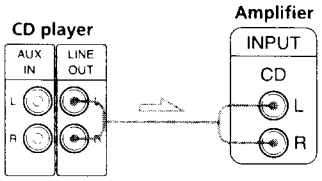
What cords will I need?

Audio cord (1) (supplied)

AC adapter (1) (supplied)

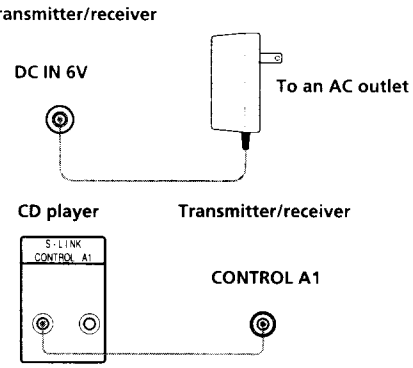
Hookups

When connecting the audio cord, be sure to match the color-coded cords to the appropriate jacks on the components: Red (right) to Red and White (left) to White. Be sure to make connections firmly to avoid hum and noise.



- **To connect the transmitter/receiver**

  Connect the transmitter / receiver to an AC outlet using a AC adapter (supplied) and via the S-LINK CONTROL A1 jack using a monaural mini-plug cord (supplied).



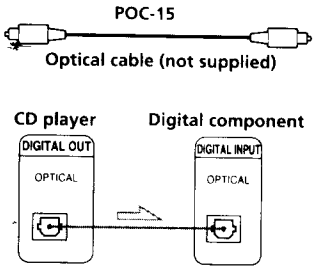
Note

- Use the supplied AC adapter. Do not use any other AC adapter since it may cause the CD player to malfunction. When replacing the AC adapter, use the same type number AC-IA10.

- **If you have a Sony receiver (amplifier) equipped with the CONTROL A1 jack**

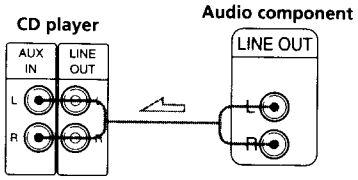
  Be sure to connect the player to the CD IN jacks on the receiver (amplifier). When making this connection, set the COMMAND MODE of the player to CD1 (see the illustration on the next page). If you further connect the player and the receiver (amplifier) via the CONTROL A1 jacks with the monaural (2P) mini-plug cord, you can use the Auto Function feature between these components. For details, refer to the supplementary "S-LINK™/CONTROL-A1 Control System" instructions and the instructions supplied with the receiver (amplifier).

- **If you have a digital component such as a digital amplifier, D/A converter, DAT or MD**
  Connect the component via the DIGITAL OUT (OPTICAL) connector using an optical cable (not supplied). Take off the cap and plug in the optical cable.

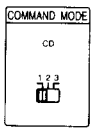


Note
When you connect via the DIGITAL OUT (OPTICAL) connector, noise may occur when you play CD software other than music, such as a CD-ROM.

You can listen to another audio component connected to this player
Connect the component via the AUX IN jacks using an audio cord. (Use the cord supplied with the component.) You can listen to the sound from that component while this player stops. While this player plays or pauses, you cannot listen to the sound from that component.



When to use the COMMAND MODE selector
The COMMAND MODE selector is set to CD1 at the factory for normal use. You can control this player by connecting to a Sony CD Player with the player control function, via the CONTROL A1 jacks. When making this connection, set the COMMAND MODE selectors of each player to the appropriate position according to the connected line input jacks. For details, refer to the instructions supplied with the connected player.



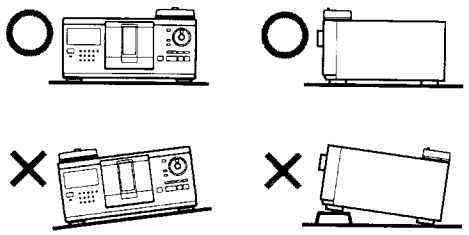
When using another Sony CD player together with this player
You can make the supplied remote effective only for this player.
- When using the player equipped with the COMMAND MODE selector:
  Set the COMMAND MODE selector of this player to CD1 and that of another player to CD2 or CD3. Then set the CD1/2/3 switch on the remote supplied for each player accordingly.
- When using the player not equipped with the COMMAND MODE selector:
  The command mode of the player without the COMMAND MODE selector is set to CD1. Set the COMMAND MODE selector of this player to CD2.

Connecting the AC power cord

Connect the AC power cord to a wall outlet.

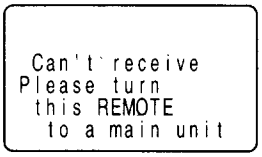
Note on placement of the player and the transmitter/receiver

Be sure to place the player in a flat, horizontal place. If the player is left in a slanted position, it may cause a malfunction or damage the player.
Be sure to place the transmitter/receiver on the top right corner, facing forward, otherwise the player may not operate correctly with the remote.

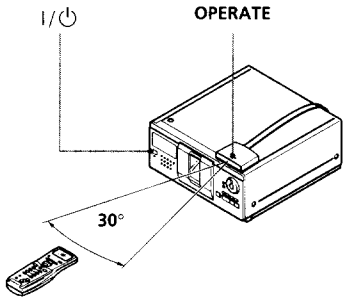


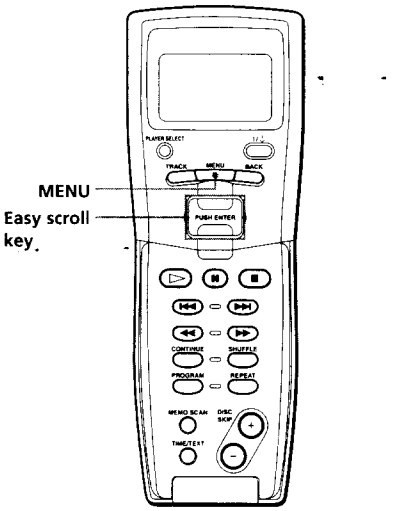
Setting Up the Remote

This section describes how to prepare the supplied remote for operation.
Press OPERATE on the transmitter/receiver to turn it on and press I/⏻ on the player to turn the player on.
If the following message appears in the remote's display while setting up the remote, point the remote at the player and the transmitter/receiver as illustrated below.



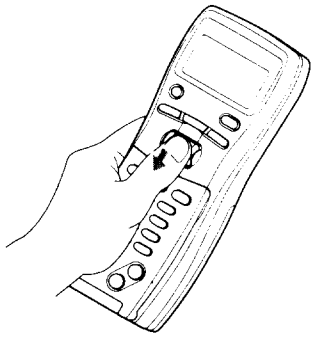
Note that the display disappears automatically if you don't proceed for more than a few moments.



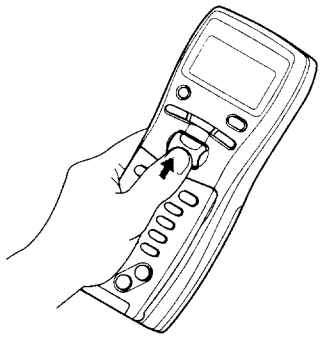


How to move the cursor in the remote's display

To move the cursor down, push the Easy scroll key downward as illustrated below.



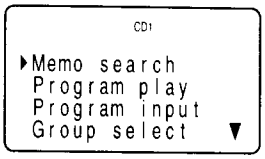
To move the cursor up, push the Easy scroll key upward as illustrated below.



Note
The PLAYER SELECT, XFADE, HIT LIST, and NO DELAY buttons do not work on the remote.

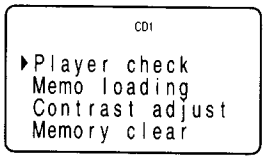
Storing disc data in the remote

1 Press MENU.

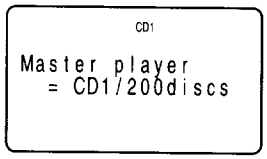


Note the ▼ mark indicates that the menu continues.
Press the Easy scroll key downward to see the next items.

2 Move the cursor (▶) to "Set up" by using the Easy scroll key, then press the Easy scroll key.

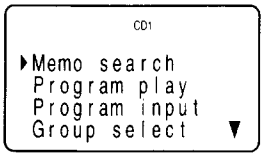


3 Move the cursor to "Player check," then press the Easy scroll key.
The display shows the disc data in the player after "Now player checking..." appears.

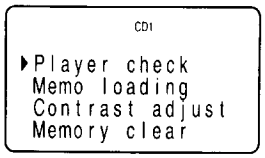


Loading the Disc Memo

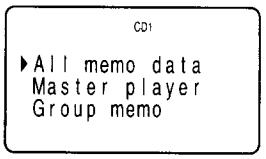
1 Press MENU.



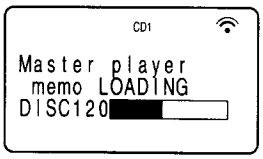
2 Move the cursor (▶) to "Set up" by using the Easy scroll key, then press the Easy scroll key.



3 Move the cursor to "Memo loading," then press the Easy scroll key.



4 When you want to load all Disc Memos (including Group Memo data), move the cursor to "All memo data," then press the Easy scroll key. The remote starts reading all memo data. The loading time may take a few moments. Point the remote at the player while loading the data.

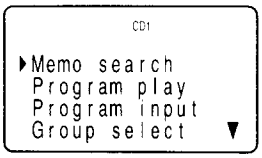


When you want to load each Disc Memo data independently, move the cursor to the data you want to load, then press the Easy scroll key.

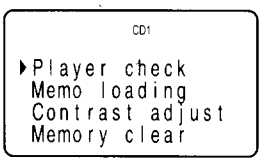
5 When the remote finishes reading the data, "Memo loading complete" appears in the remote's display.

Adjusting the display contrast of the remote

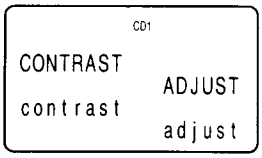
1 Press MENU.



2 Move the cursor (▸) to "Set up" by using the Easy scroll key, then press the Easy scroll key.



3 Move the cursor to "Contrast adjust," then press the Easy scroll key.



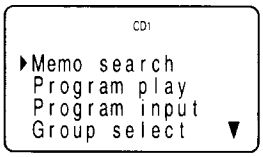
4 Adjust the contrast by pressing the Easy scroll key up or down and holding until the desired level of contrast is attained.

5 Press the Easy scroll key.

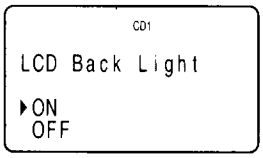
Turning off the LCD back light

You can conserve the remote's power by turning off the LCD (Liquid Crystal Display) back light.

1 Press MENU.



2 Move the cursor (▸) to "Back light mode" by using the Easy scroll key, then press the Easy scroll key.



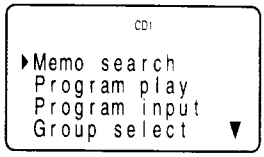
3 Move the cursor to "OFF," then press the Easy scroll key.

Note

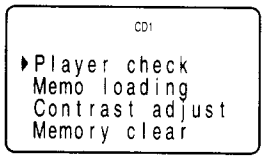
If you erase all the data stored in the remote (page 10), follow the procedure above to turn the back light off again .

Erasing all data stored in the remote

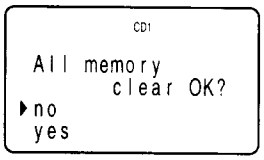
1 Press MENU.



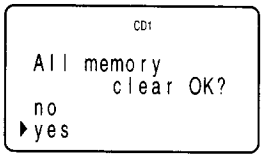
2 Move the cursor (▶) to "Set up" by using the Easy scroll key, then press the Easy scroll key.



3 Move the cursor to "Memory clear," then press the Easy scroll key.



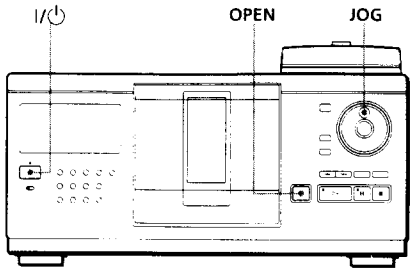
4 If you want to erase all stored data, move the cursor to "yes," then press the Easy scroll key.

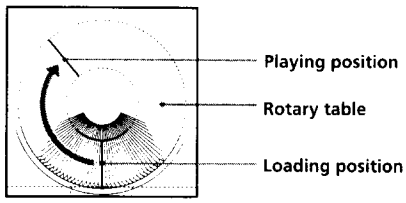


5 "All memory clear!" appears in the display when all data is erased.

Inserting CDs

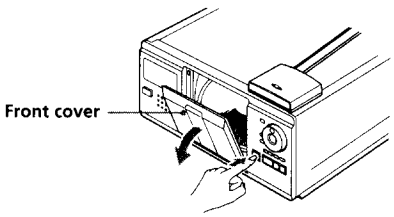
You can insert up to 200 discs into this player.



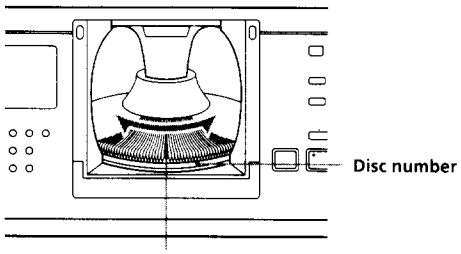


1 Press I/⏻ to turn on the player.

2 Press OPEN.



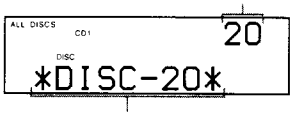
3 Turn the JOG dial until you find the disc slot where you want to insert a disc, while checking the disc number (written beside every slot and also indicated in the display).



Disc slot at the loading position

The disc number at the loading position appears in the display*. If the disc has a Disc Memo (see page 26), the Disc Memo appears instead of the disc number. As you turn the JOG dial, the disc number or the Disc Memo changes.

Disc number

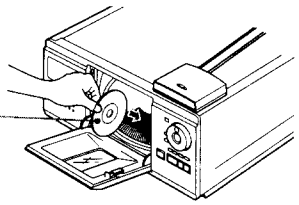


Disc number or the Disc Memo

You can classify discs into eight groups by using the Group File function. This feature lets you easily find the disc you want to play. For details, see "Grouping Discs" on page 29.

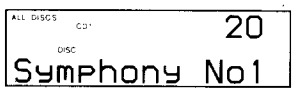
* If you have already inserted discs, the disc number at the playing position appears. When you turn the JOG dial, the displayed disc number changes to the one at the loading position.

4 Insert a disc with the label side facing right.



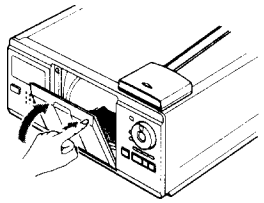
With the label side facing right

After inserting the disc, you can input the original disc titles instead of the disc numbers (see "Labeling Discs" on page 26) to locate it easily whenever you want to play it.



5 Repeat Steps 3 and 4 to insert more discs.

6 Close the front cover by pressing the right edge of the cover until it clicks.



The rotary table turns and the disc slot at the loading position is set to the playing position. Always keep the front cover closed except when inserting or removing discs.

The supplied CD booklet holders help you locate a disc easily

You can store up to 200 CD booklets. Insert a booklet and stick the number label on the pocket matching the number of the disc slot where you have inserted the disc.

Notes

- **Do not insert an empty 8 cm (3-inch) CD adaptor (CSA-8). It may damage the player.**
- **Do not attach anything such as seals or sleeves to CDs. It may damage the player or the disc.**
- If you drop a disc into the player and/or the CD won't go into the slot correctly, consult your nearest Sony dealer.
- When transporting the player, remove all discs from the player.
- Make sure to insert the disc into the slot at a right angle to the rotary table. If the disc is not put in straight, it may damage the player or the disc.
- Make sure the rotary table comes to a complete stop before inserting or removing discs.

Removing CDs

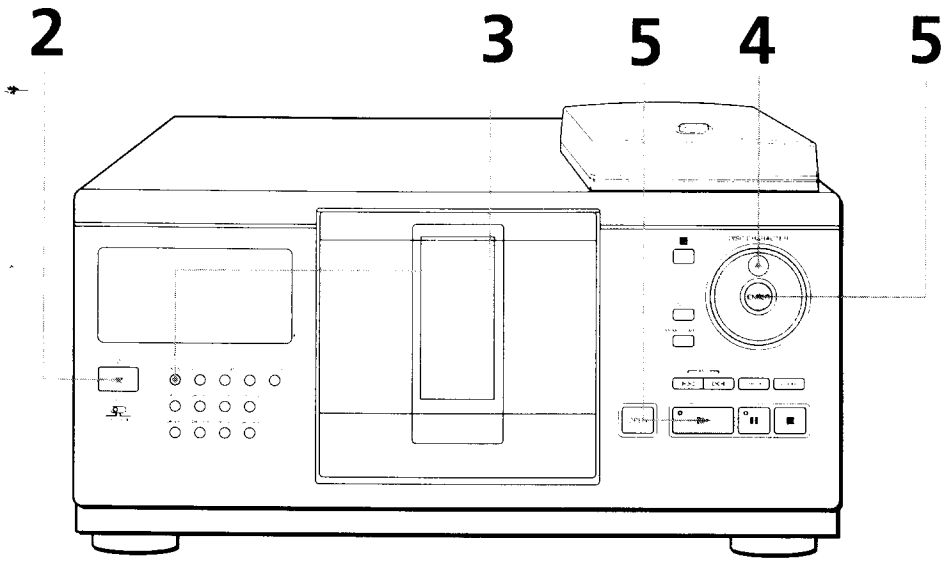
After following Steps 1 to 3 of "Inserting CDs" on pages 10 and 11, remove the discs. Then close the front cover.

Note

The disc being played does not come to the loading position if you open the front cover during playback. (The disc number flashes in the display.)

If you want to remove the disc being played, press ENTER in the center of the JOG dial after opening the front cover. The disc comes to the loading position. Remove the disc after the rotary table comes to a complete stop.

Playing a CD



- See page 5 for hookup information.
- Make sure you have inserted the discs correctly as indicated on page 10.
- You can play all the tracks on a disc in the original order (Continuous Play). You can also play up to 200 discs consecutively.

You can turn on the player by pressing I/⏻ on the remote

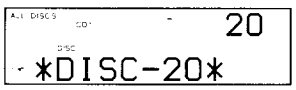
1 Turn on the amplifier and select the CD player position.

2 Press I/⏻ to turn on the player.

3 Press CONTINUE to select ALL DISCS or 1 DISC Continuous Play mode.
Each time you press CONTINUE, "ALL DISCS" or "1 DISC" appears alternately in the display.

When you select	The player plays
ALL DISCS	All discs in the player consecutively in the order of disc number. Empty disc slots are skipped.
1 DISC	Only the one disc you have selected

4 Turn the JOG dial until the desired disc number or Disc Memo (see page 26) appears in the display to select the first disc (ALL DISCS) or the disc you want (1 DISC).

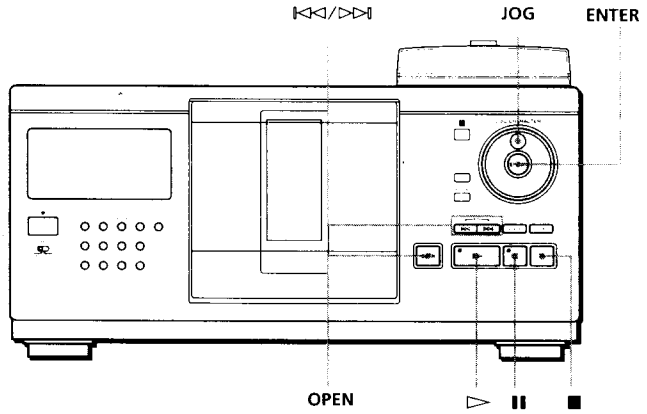


5 Press ENTER or ▷ to start playing.
The selected disc is set to the playing position, and the player plays all the discs from the selected one (ALL DISCS) or all the tracks once (1 DISC).
Adjust the volume on the amplifier.

When you turn off the player
The player remembers the last playing disc and the play mode (Continuous, Shuffle, or Program (see pages 20 and 21)). When you turn on the player again, therefore, the player plays the same disc in the same play mode.

To stop playback

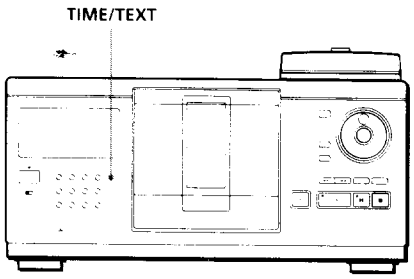
Press ■.

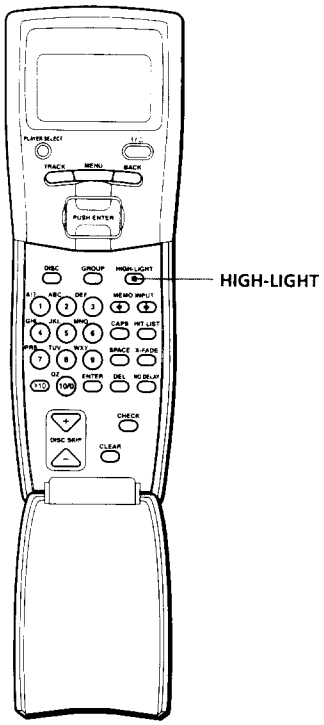


To	You need to
Pause	Press II
Resume playing after pause	Press II or ▷
Go to the next disc	Press DISC SKIP + once. Hold down the button to skip other discs.
Go back to the preceding disc	Press DISC SKIP – once. Hold down the button to skip other discs.
Go to the next track	Press ▷▷I
Go back to the preceding track	Press I◁◁
Stop playing and remove the disc	Press OPEN and then ENTER. The disc comes to the loading position.

Using the Display

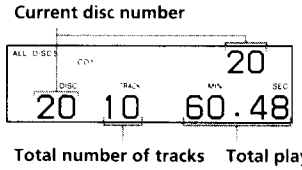
You can check information about the disc using the display.





Checking the total number and playing time of the tracks

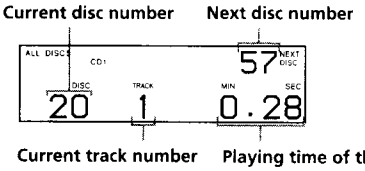
Select the disc you want to check, and press TIME / TEXT .
The display shows the current disc number, total number of tracks, and total playing time of the disc.



When you want to check another disc
Press DISC SKIP +/– on the remote in the stop mode to select the disc you want to check. The total number of tracks and the total playing time of the selected disc appear momentarily.

Display information of the playing disc

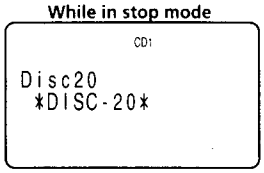
While playing a disc, the display shows the current disc number, track number, playing time of the track, and the next disc number.



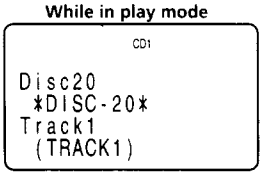
Remote's display information

While in stop mode, the remote's display shows the current disc number. While in play mode, the current track number also appears.

While in stop mode



While in play mode



Note

While in stop mode, the Disc Memo appears if you labeled the disc (see page 26). While in play mode, the track title appears (up to the 13th character) when you select a CD TEXT disc (see page 15).

Checking the information of CD TEXT discs

CD TEXT discs have information, such as the disc titles or artist names, memorised in a blank space on the discs where, on normal discs, there is no information. The display shows the CD TEXT information of the disc so that you can check the current disc title, artist name and track title. When the player detects a CD TEXT disc, "CD TEXT" appears in the display.

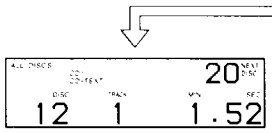
Display information in stop mode

The display shows the disc title. When you press TIME/TEXT, the artist name scrolls in the display. If you press TIME/TEXT again, the display shows the current disc number, total number of tracks, and total playing time of the disc momentarily. Then the display shows the disc title again.

Display information while playing a disc

Each time you press TIME/TEXT, the display shows the information as shown below.

The current disc number, track number and playing time appear.



Press TIME/TEXT.

The current track title appears.

This information also appears when the player locates the track.

Press TIME/TEXT.

Note

If the disc title and track title have more than 13 characters, only the first 13 characters appear in the display.

To play disc highlights

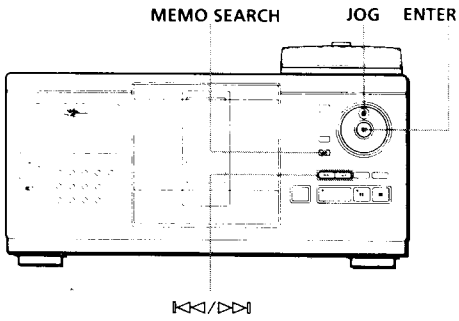
Some CD TEXT discs have a feature to play only the highlights of the discs.

During stop mode, press HIGH-LIGHT on the remote to start playing disc highlights.

"▷" flashes while playing disc highlights.

If you press HIGH-LIGHT while selecting discs without this feature, "NO EXTRA" appears in the display.

Locating a Specific Disc



Locating a disc on the player

Turn the JOG dial until the desired disc number or Disc Memo (see page 26) appears in the display. Press ENTER to start play.

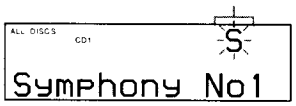
Locating a disc searching for a specific Disc Memo (Memo Search)

You can search for and locate a desired disc by inputting the first character used in the Disc Memo (see page 26).

1 Press MEMO SEARCH.
"MEMO SEARCH" appears in the display.

2 Press I◁◁/▷▷I repeatedly to input the first character.

Input character



Each time you press I◁◁/▷▷I, the characters appear in the following order.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9

If "NOT FOUND" appears in the display while inputting the first character with the I◁◁/▷▷I buttons, no disc has been labeled using the input character.

Notes

- When searching for input characters, blanks and symbols before the first character in the Disc Memo are ignored.
- When searching for input characters, upper and lower cases cannot be differentiated.

3 Turn the JOG dial to find the desired disc.
As you turn the JOG dial, the Disc Memos starting with the input character appear in the display.

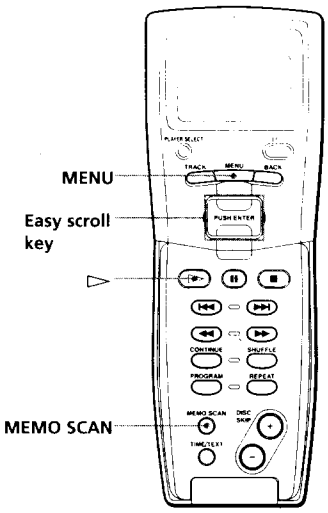
4 Press ENTER to select the disc.

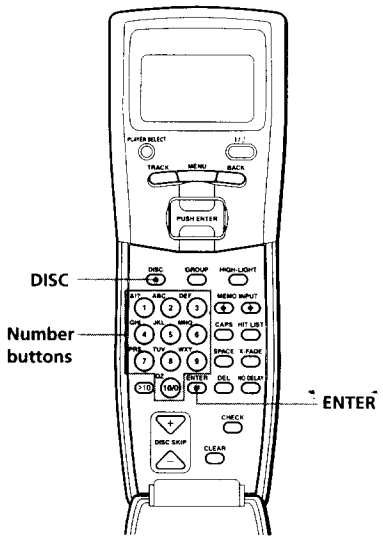
In Program Play mode, the disc will be added to the end of the program.

To cancel Memo Search
Press MEMO SEARCH again.

If there are no more Disc Memos starting with the input character in Step 3
The input character search changes to the next one in alphabetical order when you turn the JOG dial.

Locating a disc directly using the remote





1 Press DISC.

2 Press the number button of the disc.
Example: To enter number 35
Press 3, then 5.

3 Press ENTER to start play.

Locating a disc directly observing the remote's display

1 Move the cursor (▶) to the desired disc by using the Easy scroll key.

```
CD1
▶05:*DISC-5*
 06:*DISC-6*
 07:*DISC-7*
 08:*DISC-8*
```

2 Press the Easy scroll key or ▷.
If the player has no disc in the slot you selected, "NO DISC!!!" appears.

Notes

- The Shuffle or Program Play mode (pages 20 and 21) will be canceled when you locate a disc by observing the remote's display.
- If the GROUP 1 – 8 buttons are lit, you cannot locate a disc by observing the remote's display.

Locating a disc scanning each Disc Memo (Memo Scan)

You can locate a desired disc quickly by scanning the Disc Memos (see page 26) in the display .
Note that you cannot use this function in the ALL DISCS Shuffle Play mode.

1 Press MEMO SCAN.
"MEMO SCAN" appears in the display, and the Disc Memos scroll in the display.

2 Press ▷ when the Disc Memo of the desired disc appears.
The disc is set to the playing position, and the player starts playing.

In Program Play mode, the disc will be added to the end of the program if you press ENTER instead of ▷.

Note

If "NO ENTRY" appears in the display, no disc has been labeled with the Disc Memo. Try the Memo Scan function again after labeling the discs.

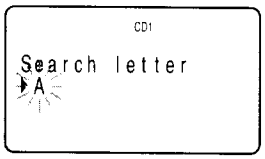
Locating a disc using the Disc Memo data on the remote

You can search for and locate a desired disc by using the Disc Memo data on the remote.
Before following the procedure below, be sure to load the Disc Memo data into the remote's memory (see page 8).

1 Press MENU.

2 Move the cursor (▶) to "Memo search" by using the Easy scroll key, then press the Easy scroll key.

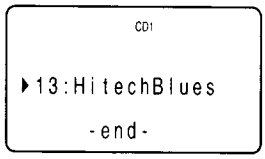
3 Push the Easy scroll key up or down until the first character in the Disc Memo of the CD you want appears.



Each time you push the Easy scroll key up or down, the characters appear in the following order.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9

4 Press the Easy scroll key to input the character you want.
The display shows the Disc Memos starting with the input character.



If "not found" appears after inputting the first character, no disc has been labeled using the input character.

5 Move the cursor to the disc number you want to play, then press the Easy scroll key.

Specifying the Next Disc to Play

You can specify the next disc to play while playing a disc in Continuous or 1 DISC Shuffle Play mode.

While playing a disc, turn the JOG dial. "NEXT DISC" appears in the display and the disc number or Disc Memo (see page 26) changes as you turn the JOG dial. When the desired disc number or Disc Memo appears in the display, stop turning the JOG dial.

Next disc number or the Disc Memo

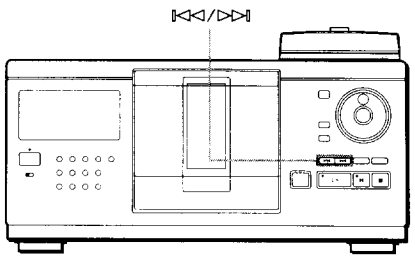
Next disc number or the Disc Memo

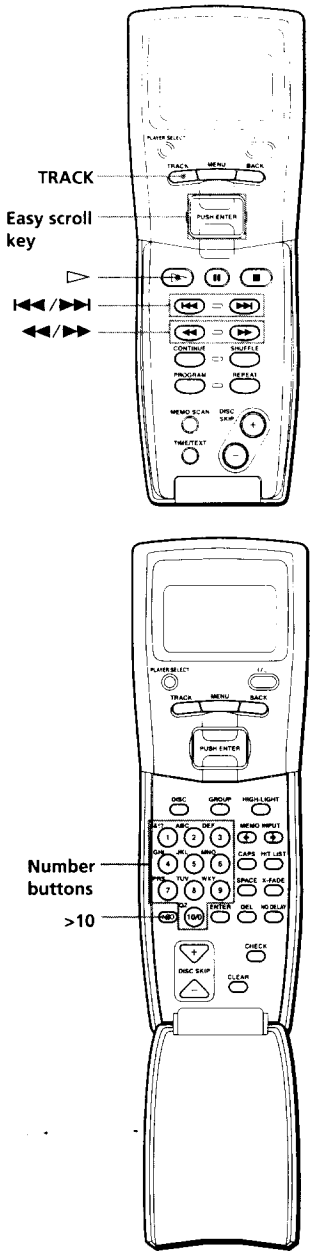
After the current disc is played, the next disc you have specified starts playing.
If you want to skip to the next disc right away, press ENTER while playing the current disc.

To cancel the disc you have specified
Press CONTINUE twice.

Locating a Specific Track or a Point in a Track

You can quickly locate any track while playing a disc using the ⏮/⏭ (AMS: Automatic Music Sensor) buttons or by using the remote. You can also locate a specific point in a track while playing a disc.





Locating a specific track or a point in a track

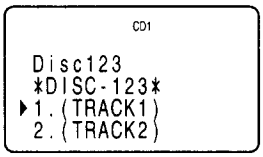
To locate	Press
the next or succeeding tracks	▷▷I repeatedly until you find the track
the current or preceding tracks	I◁◁ repeatedly until you find the track
a specific track directly	The number button of the track on the remote. When you directly locate a track numbered over 10, press >10 first, then the corresponding number buttons.
a point in a track while monitoring the sound	◀◀ (backward)/▶▶ (forward) on the remote and hold down until you find the point
a point in a track quickly by observing the display	◀◀ (backward)/▶▶ (forward) on the remote and hold down until you find the point during pause. You will not hear the sound during the operation.

Note

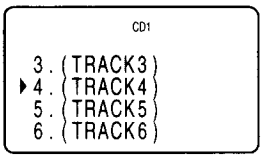
If "– OVER –" appears in the display, the disc has reached the end while you were pressing ▶▶. Press I◁◁ or ◀◀ to go back.

Locating a specific track or a point in a track observing the remote's display

1 During stop mode, press TRACK.



2 Move the cursor (▶) to a desired track by using the Easy scroll key.



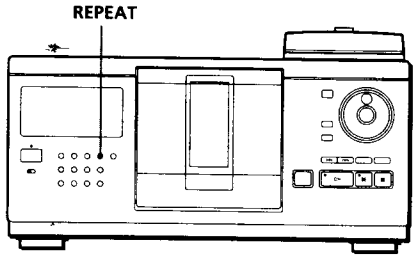
3 Press the Easy scroll key or ▷.

Note

When you select a CD TEXT disc, track titles appear in Step 2 instead of the track numbers.

Playing Repeatedly

You can play discs or tracks repeatedly in any play mode.



Press REPEAT while playing a disc.
"REPEAT" appears in the display. The player repeats the discs / tracks as follows:

When the disc is played in	The player repeats
ALL DISCS Continuous Play (page 12)	All tracks on all discs
1 DISC Continuous Play (page 12)	All tracks on the current disc
ALL DISCS Shuffle Play (page 21)	All tracks on all discs in random order
1 DISC Shuffle Play (page 21)	All tracks on the current disc in random order
Program Play (page 21)	The same program

To cancel Repeat Play
Press REPEAT repeatedly until "REPEAT OFF" appears in the display.

Repeating the current track

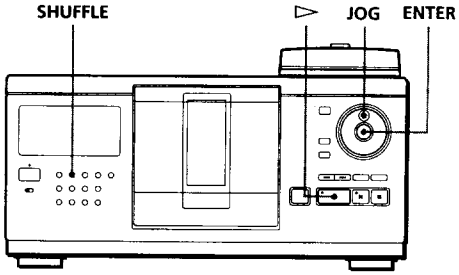
You can repeat the current track.

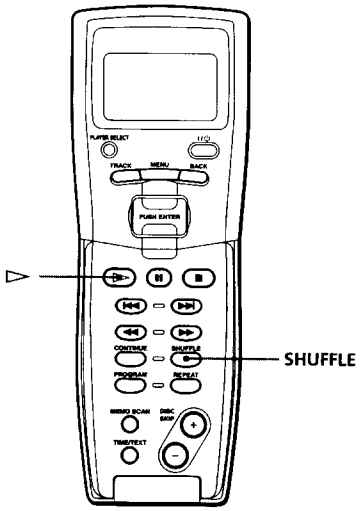
While the track you want is being played, press REPEAT repeatedly until "REPEAT 1" appears in the display.

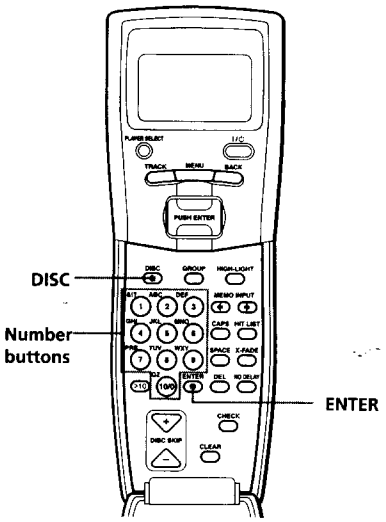
To cancel Repeat 1
Press REPEAT.

Playing in Random Order (Shuffle Play)

You can have the player "shuffle" the tracks and play in random order. The player shuffles all the tracks on all discs or on the disc you specify.







Playing all tracks on all discs in random order

1 Press SHUFFLE.
"ALL DISCS" and "SHUFFLE" appear in the display.

2 Press ENTER or ▷.
ALL DISCS Shuffle Play starts.
" " appears in the display while the player is "shuffling" the discs or the tracks.

Playing all tracks on a specified disc in random order

1 Press SHUFFLE twice.
"1 DISC" and "SHUFFLE" appear in the display.

2 Turn the JOG dial until the desired disc number appears in the display.
When using the remote, first press DISC, then press the number button of the disc.

3 Press ENTER or ▷.
When using the remote, press ENTER.
1 DISC Shuffle Play starts.
" " appears in the display while the player is "shuffling" the tracks.

To cancel Shuffle Play
Press CONTINUE.

You can start Shuffle Play while playing
Press SHUFFLE, and Shuffle Play starts from the current track.

You can go to the next disc during 1 DISC Shuffle Play
Press DISC SKIP +.

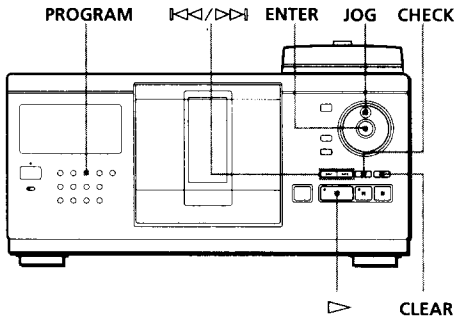
You can specify the next disc to play during 1 DISC Shuffle Play
Turn the JOG dial to specify the next disc. After all the tracks on the current disc are played in random order, the next disc starts playing. If you want to skip to the next disc right away, press ENTER while playing the current disc.

Notes
- You cannot specify the next disc to play during ALL DISCS Shuffle Play.
- Even if you press ■ or turn off the player during ALL DISCS Shuffle Play, the player remembers which discs or tracks were played and which were not. Therefore, if you want to start ALL DISCS Shuffle Play again from the beginning, be sure to repeat the procedure from Step 1.

Creating Your Own Program (Program Play)

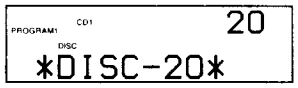
You can arrange the order of the tracks and/or discs to create three different programs which are stored automatically. A program can contain up to 32 "steps"; one "step" may contain a track or a whole disc.
You can make programs using the controls on the remote as well as ones on the player. However, the programming procedures are different.

Creating a program on the player

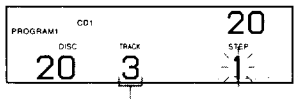


1 Press PROGRAM until the desired program number (PROGRAM 1, 2 or 3) appears in the display.
If a program is already stored in the selected program number, the last step of the program appears in the display. When you want to erase the whole program, hold down CLEAR until "ALL CLEAR" appears in the display (see page 22).

2 Turn the JOG dial until the desired disc number appears in the display.



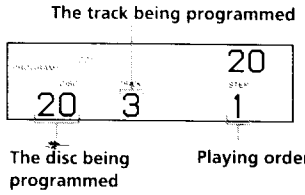
3 To program a whole disc, skip this step.
Press ⏮/⏭ until the desired track number appears in the display.



Track number

(Continued)

4 Press ENTER.



5 To program other discs/tracks, do the following:

To program	Repeat Steps
All tracks of another disc(s)	2 and 4
Other tracks on the same disc	3 and 4
Other tracks on other discs	2 to 4

6 Press ENTER or ▷ to start Program Play.

To cancel Program Play
Press CONTINUE.

The programs remain even after Program Play ends
When you press ENTER or ▷ in Program Play mode, you can play the same program again.

When you press PROGRAM to select Program Play during Continuous or Shuffle Play
The program will be played after the current track.

The program remains until erased
Even if you replace discs, the programmed disc and track numbers remain. Therefore, the player will play the new existing disc and track numbers. However, the programed disc and track numbers that are not found in the player or on the disc are deleted from the program, and the rest of the program is played in the programmed order.

You can select the program number (PROGRAM 1,2 or 3) by using the remote
Press PROGRAM on the remote repeatedly until the desired program number appears in the display.

Note
If you press one of the GROUP 1 – 8 buttons to start Group Play, Program Play will be canceled (see page 30).

Checking the programmed order

You can check your program before or after you start playing.

Press CHECK.
Each time you press this button, the display shows the disc and track number of each step in the programmed order. (When a whole disc is programmed as one step, "ALL" appears instead of the track number.) After the last step in the program, the display shows "– END –" and returns to the original display.

Changing the programmed order

You can change your program before you start playing.

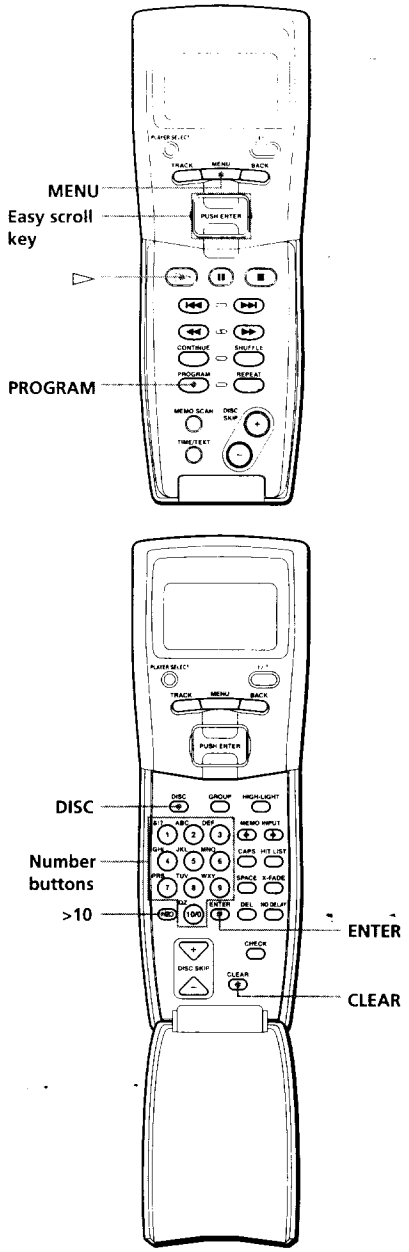
To	You need to
Erase a track or disc	Press CHECK until the track or disc you don't want appears in the display, then press CLEAR
Erase the last track or disc in the program	Press CLEAR. Each time you press the button, the last programmed track or disc will be cleared.
Add tracks or discs to the end of the program	Follow the programming procedure
Change the whole program completely	Hold down CLEAR until "ALL CLEAR" appears in the display to erase the whole program, then create a new program following the programming procedure

Erasing the program stored in memory

1 Press PROGRAM repeatedly in the stop mode until the program number (PROGRAM 1, 2 or 3) you want to erase appears in the display.

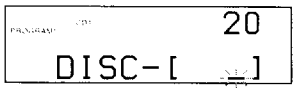
2 Hold down CLEAR until "ALL CLEAR" appears in the display.

Creating a program using the remote

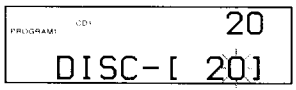


1 Press PROGRAM until the program number you want (PROGRAM 1, 2 or 3) appears in the display.

2 Press DISC.

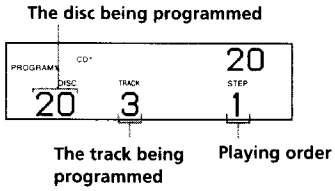


3 Press the number button of the disc.



4 To program a whole disc, press ENTER and go to Step 6.

5 First press >10, then press the number button of the track.
When the disc has less than 10 tracks, press 10/0 first then press the corresponding number to enter a track number from 1 to 9.



6 To program other discs/tracks, do the following:

To program	Repeat Steps
All tracks of another disc(s)	2 to 4
Other tracks on the same disc	5
Other tracks on other discs	2 to 5

7 Press ENTER or ▷ to start Program Play.

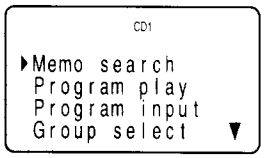
To cancel Program Play
Press CONTINUE.

You can check or change the program by pressing the CHECK or CLEAR button on the remote
See page 22.

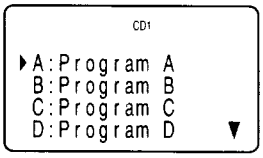
Creating a program observing the remote's display

You can create up to eight programs in the remote's memory, each containing up to 32 steps, by observing the remote's display.

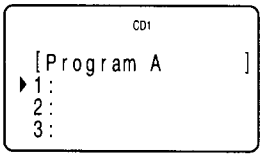
1 Press MENU.



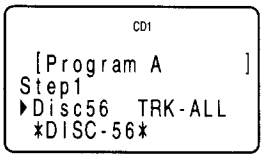
2 Move the cursor (▶) to "Program input" by using the Easy scroll key, then press the Easy scroll key.



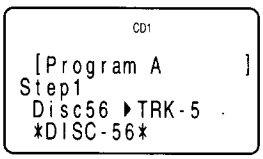
3 Move the cursor to the program you want to create, then press the Easy scroll key.



4 Press the Easy scroll key.



5 Select the desired disc by pushing the Easy scroll key up or down.
To program a whole disc, press the Easy scroll key again.
To program a certain track of the disc, select the desired track by pushing the Easy scroll key up or down, then press the Easy scroll key.



6 Repeat Steps 4 and 5 to program more tracks or discs.

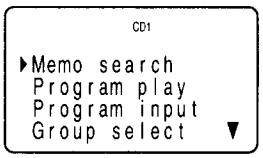
To finish creating a program, press MENU. To play the program you create, see "Playing the program you create observing the remote's display" on page 24.

To erase a track or disc, move the cursor to the step you want to erase in step 3, then press CLEAR.
To change a disc or track you programed, move the cursor to the step you want to change in step 3, then press the Easy scroll key. Select a new disc or track following Steps 4 and 5.

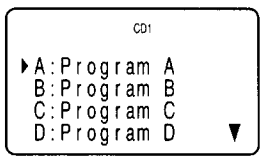
You can label the program in Step 3
Move the cursor (▶) to the program you want to label by pressing the Easy scroll key up, then press the Easy scroll key.
The flashing cursor (◀) appears. Input the character you want following the procedure in "Labeling discs observing the remote's display" on page 27.

Playing the program you create observing the remote's display

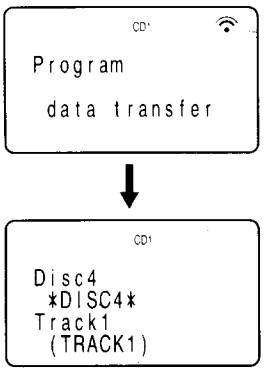
1 Press MENU.



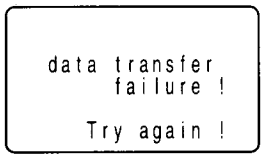
2 Move the cursor (▶) to "Program play" by using the Easy scroll key, then press the Easy scroll key.



3 Select the desired program by pressing the Easy scroll key up or down, then press Easy scroll key.



Program Play starts when the player finishes loading the program data from the remote. If the player fails in loading, the following message appears. Press the Easy scroll key again.

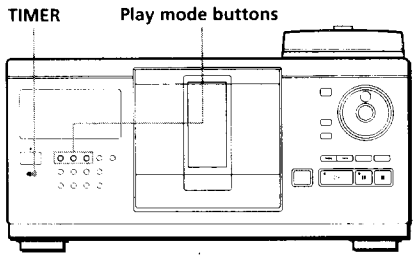


Note

The program you create using the remote is stored in the player as PROGRAM 1. Note that the PROGRAM 1 you had created before is erased.

Playing Using a Timer

You can start playing a disc at any given time by connecting a timer (not supplied). Refer also to the instructions for the timer if you need help.



1 Press one of the play mode buttons to select the desired play mode.

2 Set TIMER on the player to PLAY.

3 Set the timer to the desired time.
The player turns off. When the set time comes, the player turns on and starts playing.

4 After you have used the timer, set TIMER on the player to OFF.

What You Can Do With the Custom Files

The player can store two types of information called "Custom Files" for each disc. Once you have stored Custom Files for a disc, the player automatically recalls what you have stored whenever you select the disc. Note that Custom Files will be erased if you do not use the player for about one month.

You can store this information:

When you use	You can
Disc Memo (page 26)	Label discs using up to 13 characters
Delete Bank (page 29)	Delete unwanted tracks and store only the tracks you want
Group File (page 29)	Group discs in up to eight groups, to locate them easily

Where are Custom Files stored?

Custom Files are stored not on the disc, but in the player's memory. Therefore you cannot use Custom Files when you play the disc on other players.

If you replace discs you have filed in the Custom Files

The Custom File information you have stored remains, since the Custom File information is assigned to each slot. Erase all the Custom Files (Disc Memo, Delete Bank and Group File) of the old disc, and then file the new disc information in the Custom Files.

Erasing all Custom Files of all discs

Turn off the player. While holding down CLEAR, press I/⏻ to turn on the player. "ALL ERASE" appears in the display, and all Custom Files are erased.

Labeling Discs (Disc Memo)

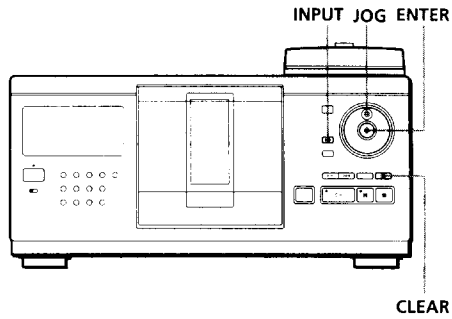
You can label discs using up to 13 characters and have the player display the Disc Memo each time you select the disc. The Disc Memo can be anything you like, such as a title, musician's name, category or date of purchase.

When you select a CD TEXT disc

The disc title is automatically stored as the Disc Memo. If the disc title has more than 13 characters, only the first 13 characters of the disc title are stored (see page 15). When you replace a disc with a CD TEXT disc, the disc title of the CD TEXT disc is also stored automatically. Note that you cannot change the Disc Memo of the CD TEXT disc.

You can label discs while the front cover is open

Labeling discs on the player



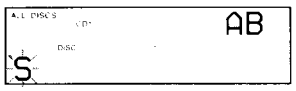
1 Turn the JOG dial until the disc number to which you want to assign a Disc Memo appears in the display.
When you label a disc with the front cover closed, the disc number of the disc at the playing position appears.
When you label a disc with the front cover open, the disc number at the loading position appears.

2 Press INPUT.
"DISC MEMO" flashes.

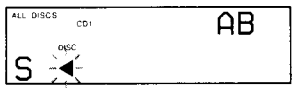
3 Press ENTER.
The flashing cursor (◀) appears.

4 Turn the JOG dial until the desired character appears in the display.
The cursor disappears and the first space for the Disc Memo flashes.
As you turn the JOG dial clockwise, the characters appear in the following order. Turn the JOG dial counterclockwise to go in reverse order.

(space) A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y z 0 1 2 3 4 5 6 7 8 9 ! " # $ % & ' ( ) * + , - . / : ; < = > ? @ [\ ] ^ _ ` { ¦ } ~



5 Press ENTER to select the character.
The selected character lights up, and the flashing cursor appears to indicate the next space to be input.



To make a correction
Press CLEAR and begin again by inputting the correct characters.

6 Repeat Steps 4 and 5 to input more characters.

7 Press INPUT to store the Disc Memo.
The display shows the Disc Memo.

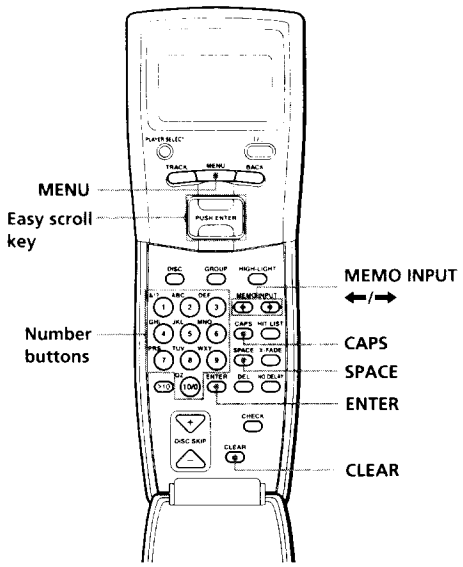
Repeat Steps 1 to 7 to assign Disc Memos to other discs.

Erasing the Disc Memo

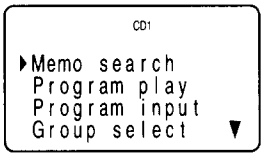
1 Follow Steps 1 to 3 in "Labeling discs on the player" on page 26 to select the Disc Memo you want to erase.

2 Press CLEAR.
The Disc Memo disappears.
Press INPUT to show the disc number again.

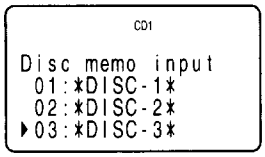
Labeling discs observing the remote's display



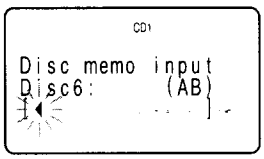
1 Press MENU.



2 Move the cursor (▶) to "Disc memo input" by using the Easy scroll key, then press the Easy scroll key.

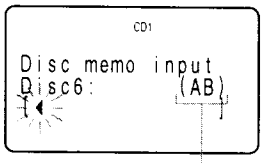


3 Move the cursor to the disc you want to assign a Disc Memo, then press the Easy scroll key.
The flashing cursor (◀) appears.



(Continued)

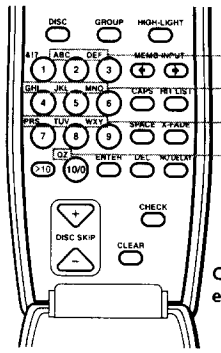
4 Press CAPS to find the desired letter type.
Each time you press the button, the letter type changes cyclically among capital letters (AB), small letters (ab), and numbers (12). To select a symbol, you have to select the capital or small letter type.



Letter type

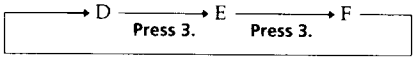
5 To input a letter, press the number button corresponding to the desired letter (indicated beside each number button).
The cursor disappears and the first space for the Disc Memo flashes.
Each time you press the button, the letter changes cyclically among the ones indicated beside the button.

To input symbols, press the number button 1 repeatedly until the desired symbol appears in the display.



Characters assigned to each number button

Example: To select the letter E
Press the number button 3 twice.



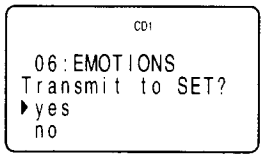
Press 3.

To insert a space, press SPACE once.

To input a number, press CAPS twice to change the letter type, then press the desired number button.

6 Press another number button or the MEMO INPUT ➡ button to go to the next space, then repeat Steps 4 to 6 to input more characters.

7 Press the Easy scroll key or ENTER when you finished inputting characters.
"Transmit to SET?" appears in the display.

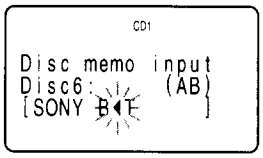


Press the Easy scroll key or ENTER to load the Disc Memo to the player.
If you do not want to load the Disc Memo to the player, move the cursor to "no," then press the Easy scroll key.
Repeat Steps 1 to 7 to assign Disc Memos to other discs.

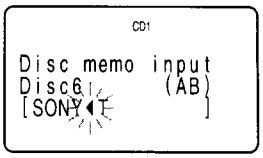
If you make a mistake while inputting the character(s)

To correct all the characters which have been input
Press CLEAR. All the characters are erased. Input the correct character from the beginning.

To correct a character which has been input
1 Press MEMO INPUT ⬅ or ➡ until the cursor moves next to the incorrect character.



2 Press DEL to delete the incorrect character.



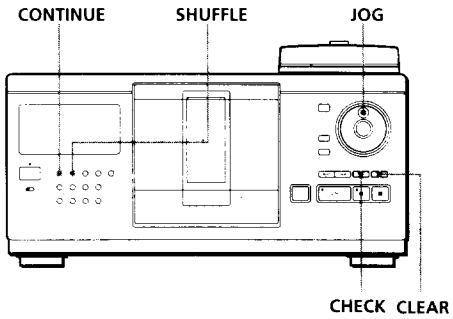
3 Input the correct character.

To correct the character currently being input
1 Press DEL to delete the incorrect character.
2 Input the correct character.

To insert a character between the input characters
Press MEMO INPUT ⬅ or ➡ until the cursor moves next to the point you want to insert, and enter the character.

Storing Specific Tracks (Delete Bank)

You can delete unwanted tracks and store only the tracks you want. When you select the disc containing a Delete Bank, the player will play only the remaining tracks.

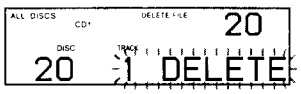


1 Press CONTINUE or SHUFFLE before you start playing.

2 Turn the JOG dial to select the disc.

3 Press CHECK repeatedly until the track you want to delete appears in the display.

4 Press CLEAR.
"DELETE FILE" and "DELETE" appear in the display.



If you want to recover the track, press CLEAR again.

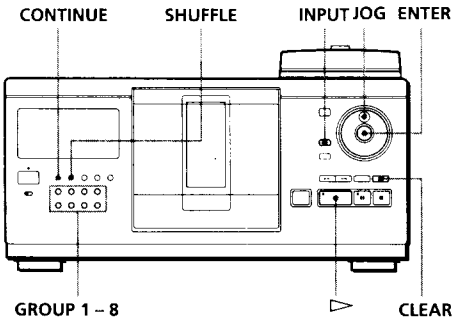
5 Repeat Steps 3 and 4 to delete more tracks.

You can recover all the tracks you have deleted
Hold down CLEAR until "ALL SELECT" appears in the display.

Note
The deleted tracks are skipped even in the Shuffle or Program Play mode (when the whole disc containing a Delete Bank is programmed as one step).

Grouping Discs (Group File)

You might find that too many discs make it hard to find the disc you want. This player has a feature that lets you classify discs into eight groups. Each disc can be put into only one group.
Once you classify discs, you can enjoy Continuous, Shuffle, or Repeat Play within a certain group (Group Play).



Assigning discs to groups

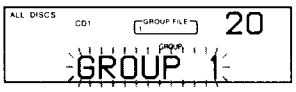
1 Press CONTINUE or SHUFFLE before you start playing.

2 Turn the JOG dial to select the disc you want to assign to a group.

3 Press INPUT.

4 Turn the JOG dial until "GROUP FILE" appears in the display, and then press ENTER.
If the disc has not been put into any group, "NOT FILED" appears in the display.

5 Turn the JOG dial until the group number you want (e. g., GROUP 1) appears in the display.



6 Press ENTER or INPUT to select the group.

Deleting discs from a group

- To delete a disc from a group
  1 Follow Steps 1 through 4 in "Assigning discs to groups" on page 29 to select the disc.
  2 Press CLEAR.
  "NOT FILED" appears in the display.
  3 Press INPUT.
- To delete all discs from a group, press CLEAR while holding down whichever GROUP 1 – 8 button you want to clear.

Labeling groups (Group Memo)

You can label the preset group number anything you like, such as a category, using up to 13 characters. Note that you cannot store the Group Memo if you have not assigned any disc to the group.

1 Press one of the GROUP 1 – 8 buttons to which you want to assign a Group Memo.

2 Press INPUT.

3 Turn the JOG dial until "GROUP MEMO" appears in the display, and then press ENTER.
The flashing cursor (◀) appears.

4 Turn the JOG dial until the desired character appears in the display.
The cursor disappears and the first space for the Group Memo flashes.
As you turn the JOG dial clockwise, the characters appear in the following order. Turn the JOG dial counterclockwise to go in reverse order.

(space) A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y.z 0 1 2 3 4 5 6 7 8 9 ! " # $ % & ' ( ) * + , – . / : ; < = > ? @ [\ ] ^ _ ` { ¦ } ~

5 Press ENTER to select the character.
The selected character lights up, and the flashing cursor appears to indicate the next space to be input.

To make a correction
Press CLEAR and begin again by inputting the correct characters.

6 Repeat Steps 4 and 5 to input more characters.
See also "Labeling discs on the player" on page 26 for details.

7 Press INPUT to store the Group Memo.

Erasing the Group Memo

1 Follow Steps 1 to 3 in "Labeling groups" to select the Group Memo you want to erase.

2 Press CLEAR.
The Group Memo disappears.

3 Press INPUT.

Playing discs in a group on the player (Group Play)

You can enjoy Continuous or Shuffle Play within a group.

1 Select the desired play mode before you start playing.

When you select	The player plays
ALL DISCS Continuous Play	All tracks on all discs in the group consecutively
1 DISC Continuous Play	All tracks on the specified disc in the group consecutively
ALL DISCS Shuffle Play	All tracks on all discs in the group in random order
1 DISC Shuffle Play	All tracks on the specified disc in the group in random order

2 Press one of the GROUP 1 – 8 buttons to select the group and press ▷.
Group Play starts from the disc which is the most upward number and located closest to the playing position. If the disc at the playing position is put into the selected group, the play starts from that disc.

To cancel Group Play
Press the GROUP 1 – 8 button which was selected.
"GROUP OFF" appears in the display.

During Group Play, you can locate a desired disc within a group by scanning or searching Disc Memos
See "Locating a disc searching for a specific Disc Memo" or "Locating a disc scanning each Disc Memo" on pages 16 and 17.

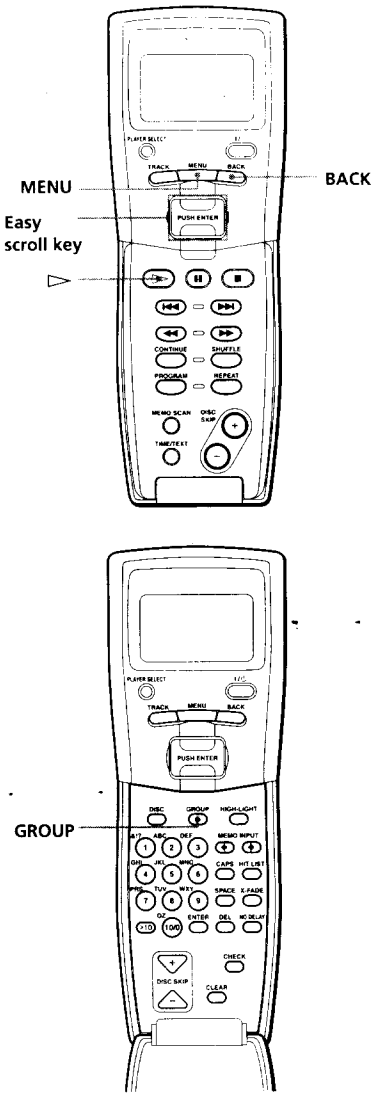
You can specify the disc to play when starting Group Play

After selecting the group, turn the JOG dial to select the disc, then push the JOG dial or press ▷.

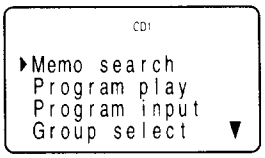
Note

If "NO ENTRY" appears in the display, no disc has been put into the selected group.

Starting Group Play observing the remote's display



1 Before you start playing, press MENU.



2 Move the cursor (▶) to "Group select" by using the Easy scroll key, then press the Easy scroll key.

3 Move the cursor to the desired group.

4 Press the Easy scroll key or ▷ to start playing.

To cancel Group Play, move the cursor to "Group OFF," then press BACK to go back to the menu display. You can also cancel Group Play by pressing the GROUP button.

You can specify the disc by pressing the DISC SKIP +/– button.

Note

When you select a disc which is not within the selected group, "NO DISC!!!" appears even if the disc is inserted.

Precautions

On safety

- Caution — The use of optical instruments with this product will increase eye hazard.
- Should any solid object or liquid fall into the cabinet, unplug the player and have it checked by qualified personnel before operating it any further.

On power sources

- Before operating the player, check that the operating voltage of the player is identical with your local power supply. The operating voltage is indicated on the nameplate at the rear of the player.
- The player is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the player itself has been turned off.
- If you are not going to use the player for a long time, be sure to disconnect the player from the wall outlet. To disconnect the AC power cord (mains lead), grasp the plug itself; never pull the cord.
- AC power cord must be changed only at the qualified service shop.

On placement

- Place the player in a location with adequate ventilation to prevent heat build-up in the player.
- Do not place the player on a soft surface such as a rug that might block the ventilation holes on the bottom.
- Do not place the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.

On operation

- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the player. Should this occur, the player may not operate properly. In this case, leave the player turned on for about an hour until the moisture evaporates.

On adjusting volume

- Do not turn up the volume while listening to a portion with very low level inputs or no audio signals. If you do, the speakers may be damaged when a peak level portion is played.

On cleaning

- Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

On transportation

- When transporting the player, open the front cover then remove all the discs from the player and turn the power off.

If you have any questions or problems concerning your player, please consult your nearest Sony dealer.

Notes on CDs

On handling CDs

- To keep the disc clean, handle the disc carefully.
- Do not stick paper or tape on the disc.

- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight as there can be considerable rise in temperature inside the car.
- After removing a disc from the disc slot, store the disc in its case.

On cleaning

- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out.

- Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.

Troubleshooting

If you experience any of the following difficulties while using the player, use this troubleshooting guide to help you remedy the problem. Should any problem persist, consult your nearest Sony dealer.

There is no sound.

➡Check that the player is connected securely.
➡Make sure you operate the amplifier correctly.

The CD does not play.

➡There is no CD in a slot ("–NO DISC–" appears).
Insert a CD.
➡Insert the CD with the label side facing right.
➡Clean the CD (see page 32).
➡Moisture has condensed inside the player. Open the front cover and leave the player turned on for about an hour (see page 32).

The remote does not function.

➡Remove obstacles in the path of the remote and the player.
➡Point the remote at the remote sensor ■ on the player.
➡Be sure to connect the player and the transmitter/receiver correctly.
➡Be sure to set up the remote correctly.
➡Turn both the player and the transmitter/receiver on.
➡Point the remote at the remote sensor ■ on the player and the transmitter/receiver.
➡Replace all the batteries in the remote with new ones if ⌧ appears in the remote's display.

The player functions incorrectly.

➡The microcomputer chips may be operating incorrectly. Disconnect the AC power cord, then connect it back to the wall outlet to reset the player.

Specifications

Compact disc player

Laser	Semiconductor laser (λ = 780 nm) Emission duration: continuous
Laser output	Max 44.6 μW* * This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up block with 7 mm aperture.
Frequency response	20 Hz to 20 kHz ±0.5 dB
Signal-to-noise ratio	More than 110 dB
Dynamic range	More than 98 dB
Harmonic distortion	Less than 0.0030 %
Channel separation	More than 100 dB

Outputs

	Jack type	Maximum output level	Load impedance
LINE OUT	Phono jacks	2 V (at 50 kilohms)	Over 10 kilohms
DIGITAL OUT (OPTICAL)	Optical output connector	–18 dBm	Wave length: 660 nm

General

Power requirements	120 V AC, 60 Hz
Power consumption	15 W
Dimensions (approx.) (w/h/d)	When the front cover is closed 430 × 200 × 480 mm (17 × 7 7/8 × 19 in.) incl. projecting parts
Mass (approx.)	9.5 kg (20 lbs 15 oz)

Supplied accessories

- Audio cord (1)
- CD booklet holders (2) and label (1)
- AC adapter (1)
- Monaural (2P) mini-plug cord (1)
- Remote commander (remote) (1)
- Sony LR6 batteries (3)
- Transmitter/receiver (1)

Design and specifications are subject to change without notice.

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